

Hiawatha Corridor LRT Yards and Shops Mitigation Study



Type 'A' Poles



Type 'A' Poles



Type 'B' Poles

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Lighting

Lighting is a very important safety and security consideration as well as a critical aesthetic consideration. The lighting fixtures help form and define the 'eastern edge' and contribute significantly to the urban design along the boulevard. The Hiawatha Corridor Aesthetic Design Guidelines (page 31), dated March 21, 2000, call for a very specific pedestrian scale light fixture along the bike trail that we find to be attractive and very appropriate. The fixture is specified to be painted black and the luminaire mounting height (bottom of light fixture) should be no lower than 12 feet and no higher than 14 feet above adjacent grade.

Cost Implication

None; adopt as specified.

Tie and Ballast

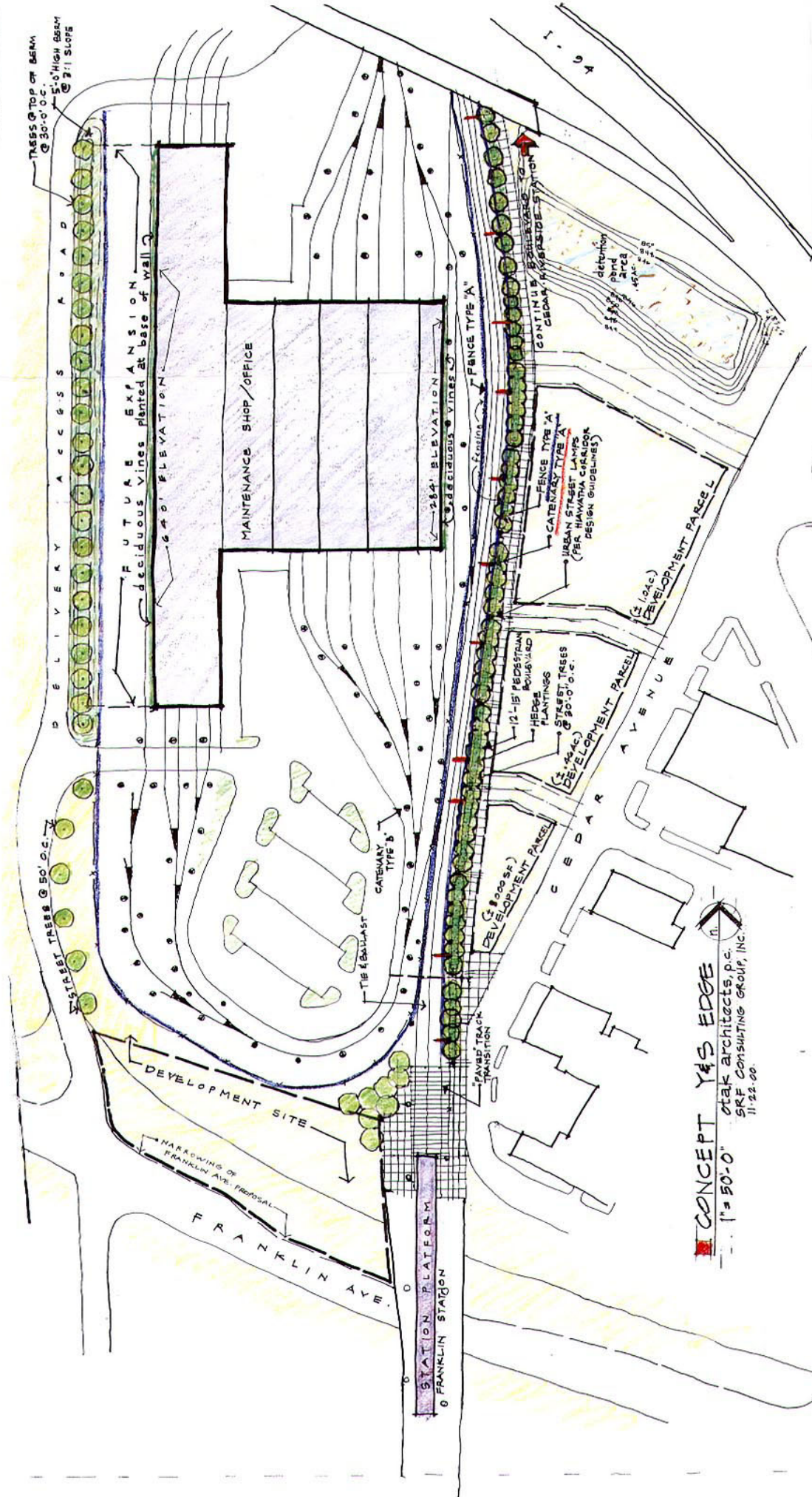
The trackway is specified to be 'open tie and ballast,' which is appropriate in this location. However, we do recommend that an 'extended crossing panel' area be considered at the northern end of the Franklin Station platform for a more 'urban' transition and connection of the two development parcels east and west of the Franklin Station.

Cost Implication

Approximate range of \$10.00 to \$12.00 per square foot hard surface area.

Landscape Edge

The Hiawatha Corridor Aesthetic Design Guidelines (page 43) indicates a mix of trees, shrubs, and hedges for this area to be used as screening materials. We recommend using approximately the same density of plant materials, but in a more formalized urban structure to strengthen the eastern edge and to provide a significant foreground feature that 'filters' the views to the Yards and Shops facility. As recommended in the Hiawatha Corridor Aesthetic Design Guidelines (page 42), we also recommend a hedge be planted against the black vinyl coated chain link fence along the entire frontage of the Yards and Shops site. Along this same frontage 'street trees' should be planted at a spacing of 30'-0" on center and can be opened to 50'-0" on center past the Yards and Shops. Trees should be planted initially at 2½-inch to 3-inch caliper for more immediate impact and to reduce vandalism and replacement. These trees are arguably the most effective 'mitigation value' and should not be compromised.



CONCEPT Y&S EDGE
 1" = 50'-0"
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